Connecting via Winsock to STN

```
┌─────────────────────────────────────────────┐
│  STN STRUCTURE SEARCH – REGISTRY/CAPLUS       │
│                                               │
│  CLAIM 5: X = O                               │
└─────────────────────────────────────────────┘
```

Welcome to STN International! Enter x:x

LOGINID:SSPTAJMN1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS 1   Web Page for STN Seminar Schedule – N. America
 NEWS 2 JAN 02 STN pricing information for 2008 now available
 NEWS 3 JAN 16 CAS patent coverage enhanced to include exemplified
                 prophetic substances
 NEWS 4 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
                 custom IPC display formats
 NEWS 5 JAN 28 MARPAT searching enhanced
 NEWS 6 JAN 28 USGENE now provides USPTO sequence data within 3 days
                 of publication
 NEWS 7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
 NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
 NEWS 9 FEB 08 STN Express, Version 8.3, now available
 NEWS 10 FEB 20 PCI now available as a replacement to DPCI
 NEWS 11 FEB 25 IFIREF reloaded with enhancements
 NEWS 12 FEB 25 IMSPRODUCT reloaded with enhancements
 NEWS 13 FEB 29 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                 U.S. National Patent Classification
 NEWS 14 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                 IPC display formats
 NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental
                 spectra
 NEWS 16 MAR 31 CA/CAplus and CASREACT patent number format for U.S.
                 applications updated
 NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
 NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
 NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued
 NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new
                 predefined hit display formats

 NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

 NEWS HOURS   STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN   Welcome Banner and News Items
 NEWS IPC8   For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific

  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:42:59 ON 23 APR 2008

=> FIL REG
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                         ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.21

FILE 'REGISTRY' ENTERED AT 14:43:04 ON 23 APR 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 22 APR 2008 HIGHEST RN 1016649-50-5
DICTIONARY FILE UPDATES: 22 APR 2008 HIGHEST RN 1016649-50-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

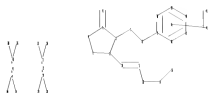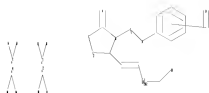TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10517626\3.str

chain nodes :
6 7 8 10 11 12 13 16 18 19 20 21 22 23 24 25 26 27 28 29 43 44

ring nodes :
1 2 3 4 5 37 38 39 40 41 42
chain bonds :
1-7 2-10 5-6 7-8 8-37 10-11 11-12 12-13 13-16 18-20 18-21 19-22 19-23
24-26 24-28 25-27 25-29 43-44
ring bonds :
1-2 1-5 2-3 3-4 4-5 37-38 37-42 38-39 39-40 40-41 41-42
exact/norm bonds :
1-2 1-5 1-7 2-3 2-10 3-4 4-5 5-6 7-8 8-37 10-11 11-12 12-13 13-16
18-20 18-21 19-22 19-23 24-26 24-28 25-27 25-29 43-44
normalized bonds :
37-38 37-42 38-39 39-40 40-41 41-42
isolated ring systems :
containing 1 :

G1:H,OH

G2:[*1],[*2],[*3],[*4]

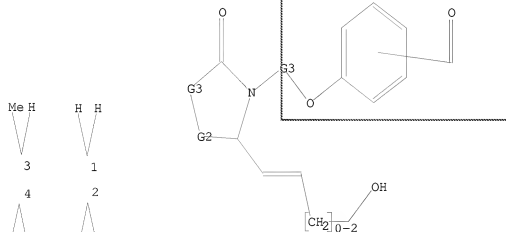G3:[*1],[*3]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:Atom 10:CLASS 11:CLASS
 12:CLASS 13:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 37:CLASS
38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:CLASS 44:CLASS 45:Atom

L1   STRUCTURE UPLOADED

=> D
L1 HAS NO ANSWERS
L1   STR

G1 H,OH

G2 [@1],[@2],[@3],[@4]

G3 [@1],[@3]

Structure attributes must be viewed using STN Express query preparation.

=> S L1
SAMPLE SEARCH INITIATED 14:43:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   0 TO ITERATE

100.0% PROCESSED   0 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 0 TO   0
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

```
=> S L1 FULL
FULL SEARCH INITIATED 14:43:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      10 TO ITERATE

100.0% PROCESSED       10 ITERATIONS                        0 ANSWERS
SEARCH TIME: 00.00.01

L3           0 SEA SSS FUL L1
```

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                 ENTRY   SESSION
FULL ESTIMATED COST   178.36   178.57

STN INTERNATIONAL LOGOFF AT 14:43:55 ON 23 APR 2008